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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/824,694	04/03/2001	Sean Allen Johnson	5003397-100	9675

7590 04/04/2003  
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EXAMINER

NGUYEN, TAM V

ART UNIT	PAPER NUMBER
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2172

9

DATE MAILED: 04/04/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/824,694

Applicant(s)

JOHNSON ET AL.

Examiner

Tam V Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 03 April 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-29 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 6.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

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### **DETAILED ACTION**

1. Claims 1-29 are pending in this office action. Claims 1-29 are presented for examination.

#### ***Information Disclosure Statement***

2. The references cited in the IDS, PTO-1449, Paper No. 6, document cite No. A has been considered.

3. The information disclosure statement filed 8/13/01 fails to comply with the provisions of 37 CFR 1.97, 1.98. The applicant did not provide dates for the cited documents No. B-G on the PTO -1449 form. It has been placed in the application file, but the information referred to therein has not been considered as to the merits.

Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609 ¶ C(1).

#### ***Drawings***

4. The formal drawings filed 08/13/01, are approved by the Draftsperson under 37CFR 1.84 or 1.152.

#### ***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Van Huben et al. (US 6484177B1).

Re claim 1, Van Huben discloses a system for providing access to a plurality of disparate content repositories comprising: a client application program interface (API)(fig. 1, item # 10) that is configured to generate a user request to access content and metadata properties (fig. 1, item #17 meta-data files) in a plurality of content repositories having a plurality of proprietary program interfaces, (col. 11, lines 13-17, fig. 1, the system allows the user to query information from LDAP EQUEST, RELATIONAL DATABASE, AND META-DATA FILES); a plurality of bridges (fig. 1, item # 16 are the command translator) that translate the user request into a format understandable by the proprietary program interfaces of the plurality of content repositories, (col. 13, lines 2-5).

Van Huben discloses a view services component (fig. 1, CLIENT/SERVER INTERFACE) for reviewing the results; but Van Huben does not clearly disclose converts results content from the plurality of content repositories into a format understandable by said client API. Van Huben teaches the use of Command Translators, which perform the role of converting a generic "PFVL-based" query into the

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appropriate syntax for communication with the underlying control repository, (col. 17, lines 9-13). Thus, Van Huben Command Translators can convert the result content from the plurality of content repositories into a format understandable by the client API.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to employ the Command Translators taught in Van Huben for converting the result content from the plurality of content repositories into a format understandable by the client API because the systems permit a uniform data access and distribution across a heterogeneous network, (col. 1, lines 20-22).

Re claims, 2, 15, and 23, Van Huben further discloses an access services component that relays the user request to access content and metadata properties in the plurality of content repositories from said client API to said plurality of bridges, (col. 11, lines 47-52 and see fig. 1).

Re claims 3, 16, and 24, Van Huben further discloses wherein said access services component maps metadata properties across the plurality of content repositories, (col. 11, lines 47-52 and see fig. 1).

Re claims 4, 17, and 25, Van Huben further discloses an exchange services server that enables import and export of content and metadata properties in the plurality of content repositories in an XML format, (col. 14, lines 56-59 and see fig. 4B).

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Re claim 5, Van Huben further discloses wherein said client API is in a format selected from the group consisting of Java (fig. 4B, item Java Scripts), component object model (COM) (fig. 4B, item JPG), and web services (fig. 4B, items HTML and XML), (col. 15, lines 2-14).

Re claims 6, 18, and 26, Van Huben further discloses wherein a single bridge corresponds with a single content repository, (col. 18, lines 8-13).

Re claim 7, Van Huben further discloses wherein said view services component is an Enterprise Java Bean (EJB), (col. 15, lines 13-14).

Re claim 8, Van Huben further discloses wherein each bridge is an Enterprise Java Bean (EJB) deployed in an application server, (col. 15, lines 13-14).

Re claims 9, 19, and 27, Van Huben further discloses a bridge factory that is configured to generate a new bridge to support each new content repository in the system, (col. 13, lines 2-4).

Re claims 10, 20, and 28, recite similar limitation as discussed in claim 1. Therefore, claims 10, 20, and 28 are also rejected for the same reasons as given in claim 1.

Re claims 11, 21, and 29 Van Huben further discloses wherein said view services component comprises at least one processor that processes results content by scaling, rotating, or enhancing an image, (col. 15, lines 1-140).

Re claim 12, Van Huben further discloses wherein each bridge (fig. 1, item 17) answers client requests via a mode selected from the group consisting of remote method invocation (RMI) (col. 11, lines 50-52), Internet Inter-ORB Protocol (IIOP) (col. 12, lines 30-31), and extensible markup language (XML) (col. 15, lines 2-3) over hypertext transport protocol (HTTP) (see fig. 3A, item HTTP://WWW.REPOS.COM).

Re claim 13, Van Huben further discloses wherein each bridge accesses its underlying content repository via a mode selected from the group consisting of Java, (fig. 4B, item JAVA SCRIPTS) Component Object Model (COM), (fig. 4B, item JPG) and Java Native Interface (JNI) application program interface (API) calls, (col. 11, lines 5-7).

Re claims 14 and 22 recite similar limitation as discussed in claim 1. Therefore, claims 14 and 22 are also rejected for the same reasons as given in claim 1.

### ***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Liu et al. (US 6523046B2) shows infrastructure and method for supporting generic multimedia metadata.

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Machihara et al. (US 6233578B1) shows method and system for information retrieval.

Kessenich et al. (US 6292802B1) shows methods and system for using web browser to search large collections of documents.

Hinks et al. (US 5678039) shows system and methods for translating software into localized versions.

Kiyoki et al. (US 6347315B1) shows method and apparatus for selecting and utilizing one of computers or databases.



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**Contact Information**

**8. Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tam V Nguyen whose telephone number is (703) 305-3735. The examiner can normally be reached on 7:30AM-5: 00PM.**

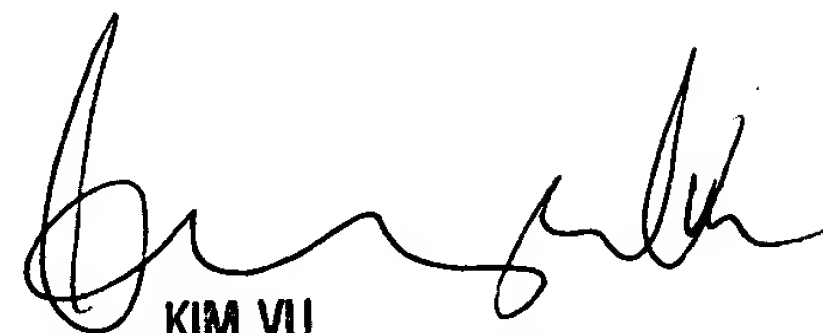
If attempts to reach the examiner by telephone is unsuccessful, the examiner's supervisor, Kim Yen Vu can be reached on (703) 305-4393. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746-7239 for formal communications and (703) 746-7240 for informal communications.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, Virginia 22202. Fourth Floor (Receptionist).

**9. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.**

TV:tv

03/19/03



**KIM VU**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2100**